

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No.: 7,479,834  
Issue Date: January 20, 2009  
Inventor(s): Adil Koukab  
Application No: 10/589,133  
Filing Date: February 4, 2005  
Title: ANALOGUE SELF-CALIBRATION METHOD AND APPARATUS FOR LOW NOISE, FAST AND WIDE-LOCKING RANGE PHASE LOCKED LOOP  
Attorney Docket: MP2494

---

Commissioner for Patents  
Certificate of Correction Branch  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**REQUEST FOR CERTIFICATE OF CORRECTION**

Sir:

We have reviewed the above referenced patent and have found errors which appear to require a Certificate of Correction.

Attached herewith is an original copy of the Patent and Trademark Office Certificate of Correction form which we request be approved for the above-indicated patent.

Please charge any underpayments or credit any over payment to Deposit Account No. 08-0750.

Respectfully submitted,

Dated: April 1, 2009  
HARNESS, DICKEY & PIERCE, P.L.C.  
P.O. Box 828  
Bloomfield Hills, Michigan 48303  
(248) 641-1600

By:   
Michael D. Wiggins  
Reg. No. 34,754

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**CERTIFICATE OF CORRECTION**

PATENT NO : 7,479,834

APPLICATION NO: 10/589,133

DATED : January 20, 2009

INVENTOR(S) : Adil Kouak et al.

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 2, Line 58	Insert -- of -- after "impedance"
Column 2, Line 66	Delete "PMOS" and insert -- pMOS --
Column 2, Line 67	Delete "de"
Column 4, Line 26	Delete "leads" and insert -- lead --
Column 5, Line 19	Delete "to" after "121"
Column 6, Line 6	Delete "was" after "value"
Column 7, Line 5	Delete "built" and insert -- build --
Column 7, Line 10	Insert -- a -- after "As"
Column 7, Line 16	Delete "there" and insert -- their --
Column 7, Line 27	Delete first occurrence of "gain mode switcher"
Column 7, Line 37	Insert -- whether -- after "upon"
Column 7, Line 42	Delete "there" and insert -- their --
Column 7, Line 64	Delete "V <sub>10</sub> " and insert -- V <sub>01</sub> -- after "curves"
Column 8, Line 11	Delete "send" and insert -- sends --
Column 8, Line 24	Insert -- whether -- after "upon"
Column 8, Line 30	Delete "thank" and insert -- tank --
Column 8, Line 43	Delete "than" and insert -- then --
Column 9, Line 28	Delete "whish" and insert -- which --
Column 11, Line 61	Delete "Increase" and insert -- increases --
Column 12, Line 20	Delete "zero-pain" and insert -- zero-gain --
Column 12, Line 21	Delete "zero-pain" and insert -- zero-gain --

MAILING ADDRESS OF SENDER:

Harness, Dickey & Pierce, P.L.C.  
 P.O. Box 828  
 Bloomfield Hills, Michigan 48303

PATENT NO. 7,479,834

No. of additional copies

0

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*